



ATTORNEY'S DOCKET NUMBER: 2001796-0006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: A. John Bramley *et al.*  
Serial No.: 09/698,579  
Filed: October 27, 2000  
For: TREATMENT OF STAPHYLOCOCCUS INFECTIONS

Examiner: Voitach, Joseph T.  
Art Unit: 1632

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

*Andt*  
*u/a*  
*Linda*  
**RECEIVED** *1/26/02*

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RESPONSE TO OFFICE ACTION UNDER 37 C.F.R. § 1.111

In reply to the Examiner's Action that was mailed in the above-captioned case on June 18, 2002, Applicant submits the following Amendment and Remarks.

Amendment

Kindly amend the application as follows.

In the Claims

Amend claims 1 and 3 as follows.

- Sub D1*  
*al*
1. (Amended) A nucleic acid comprising a modified gene encoding a non-mammalian anti-microbial protein, the gene including a sequence that codes for an amino acid sequence that is identical to the anti-microbial protein produced by the natural host except that the coding sequence includes one or more alterations that disrupt one or more mammalian post-translational processing events so that the non-mammalian protein is produced and secreted by mammalian cells in its active form.